

IV. *Observations of the Weather, made in a Voyage to China.* Ann. Dom.
1700. by Mr James Cunningham, F. R. S.

Day of the Month.	Therm. Altitud. below extrem. Heat.	Philos. Barom. N. or S. Altitud.	Latitude N. or S.	Longitude East from St. Jago.	Needles Variation East or West.	Needles Incl. or Depression of the N or S point under the Horizon.	Winds.	Weather.
Jan. 31.	5	Davit	10 26' N	60 16' E		80 30' N	Variable Breezes, and 10 Hours calm	Rainy and Cloudy
Febr. 1	4		1 18' N	6 11' E			N S by W S W by S and 16 hours Calm.	Rainy and cloudy with Lightning
2	5		1 14' N	6 13' E			Variable Breezes, and 11 Hours calm	Fair
3	5		1 07' N	5 57' E			Variable	Fair with Rain at noon
4	2		0 27' N	5 49' E			Variable	Fair and cloudy, Rain in the forenoon
5	4		0 00	5 44' E			Variable with 9 hours calm	Rainy and cloudy
6	4		0 30' S	5 35' E			Variable with 4 hours calm	Fair and cloudy with some Rain
7	5		1 46' S	5 08' E		3 30' S	Small Gales from E by S to S E by S	Fair and cloudy
8	4 ½		3 00' S	4 56' E			East Gales from E by S to S E by E	Fair and pleasant
9	5		4 29' S	4 19' E			East at E S E, and S E by E	Fair and pleasant
10	5		5 57' S	3 54' E		10 00' S	East at S E by E and S E	Fair and pleasant
11	6		7 10' S	3 05' E	20 17' E		Fine Gales S E by E	Fair and pleasant
12	6		8 46' S	2 22' E	2 20' E		E S E fine	Fair and pleasant
13	8		10 29' S	1 37' E	2 50' E		E S E and E by S	Fair and pleasant with one Shower
14	7		12 05' S	1 20' E	3 30' E		E by S and E	Fair and cloudy with some Squales
15	7 ½		13 44' S	1 10' E	4 12' E		E by N to E S E	Fair with one Squale
16	7 ½		15 09' S	1 10' E	4 10' E	19 00' S	E by S and E	Fair and pleasant
17	8		16 32' S	1 14' E	4 52' E		E	Fair and pleasant
18	8 ½		18 01' S	1 19' E	5 14' E		E	Fair and cloudy with one Shower
19	7 ½		19 14' S	1 29' E	5 42' E	30 00' S	E by S to E by N	Fair with one Shower
20	8		20 05' S	1 15' E	6 18' E		S E by E to E by N (mat)	Fair and cloudy with several Squales
21	7		21 16' S	1 35' E			N N E to E by N east	Fair with 2 Showers: Weather.

(1640)

Weather.	Winds.	Needles Inclin. or De- pression of the N or S point under the Horizon.	Needles Variation East or West.	Longitud East from S. Jago.	Latitude N. or S.	Philof. Barom. Altitud	Therm. Altitud below extream Heat.	Day of the Month.
Fair with a Shower	N N E to E by N		7 02 E	1 54 E	22 23 S		7	22
Fair and pleasant	N N E to N N W			2 19 E	23 47 S		5	23
Fair and pleasant	N N E to N E by E			3 28 E	24 21 S		5	24
Fair and pleasant	N E by N to N N E	39 00 S	8 00 E	4 09 E	26 38 S		6 $\frac{1}{2}$	25
Fair and pleasant	N E by E to N			4 52 E	27 49 S		6 $\frac{1}{2}$	26
Fair sometimes cloudy	N to N W			6 07 E	29 16 S		8	27
Cloudy & squally with Rain and Lightning	W N W to W S W			7 34 E	30 01 S		8	28
Squally with much Rain & fine Thunder.	W N W to N by E fresh			10 20 E	31 26 S		10 $\frac{1}{2}$	29
Uncertain with Thun- der and Rain	N W to W moderate			11 49 E	31 10 S	8	12 $\frac{1}{2}$	March 1
Fair and cloudy	W to N W moderate	42 00 S	4 50 E	12 57 E	31 16 S	10	13	2
Cloudy and squally	W to S fresh			10 04 E	31 13 S	14	17 $\frac{1}{2}$	3
Squally and cloudy	S by E to S E by E			17 51 E	32 26 S	18	23 $\frac{1}{2}$	4
Fair and cloudy	E S E and E by S			17 17 E	30 58 S	19 $\frac{1}{2}$	26	5
Fair and cloudy	E by S to E by N moderate		3 05 E	17 08 E	32 07 S	20	24	6
Fair and cloudy	E by N to S E by E small			16 54 E	33 06 S	26	23	7
Fair and cloudy	S E to S S W moderate		2 05 E	18 26 E	32 14 S	32	32	8
Close and squally	S to S S W blowing hard			10 20 E	32 4 S	38 $\frac{1}{2}$	33	9
Gray and cloudy	S by E and S moderate			21 13 E	32 27 S	34	29	10
Squally, close and cloudy	S by E to S E by E			22 32 E	32 01 S	32 $\frac{1}{2}$	29	11
Dev. close and cloudy	S S E to E by S			22 23 E	32 36 S	33 $\frac{1}{2}$	28 $\frac{1}{2}$	12
Close and close	E by S to E by N easterly			22 42 E	33 42 S	34	27	13
Fair and close	Variable and small		1 15	23 27 E	34 08 S	31	26	14
Fair and serene	N to N W by N easterly		0 57 E	25 20 E	34 19 S	30	26	15
Fair and serene, some- times close	N by W to N N E		0 20 E	27 45 E	34 36 S	30	24	16
Fair and serene	N by E to N N W a fine Gale.		0 22 W	29 48 E	34 54 S	30	25	17
Fair and serene, this forenoon cloudy	N to N N W	47 00 S	1 19 W	33 27 E	34 59 S	30	25 $\frac{1}{2}$	18
Thick and squally this forenoon fair	N N W to S W and S by W			36 25 E	34 44 S	38	34	19
Fair and cloudy	S W to N W easterly		6 25 W	37 4 E	34 22 S	31 $\frac{1}{2}$	26	20
Fair and cloudy	N W by N to W easterly			39 04 E	34 29 S	33	28	21
Fair and sometimes squally	W to S S E fine			41 31 E	34 08 S	42	37	22
Variable Weather	S to W S W fine		7 05 W	43 41 E	34 35 S	36	39	23
Fair and pleasant	S S W W S W small		8 20 W	45 06 E	34 08 S	32	26 $\frac{1}{2}$	24
Variable	S W by S to S E by S easterly		8 52 W	47 02 E	33 58 S	30 $\frac{1}{2}$	27	25
Fair and cloudy	S E by S to S by W moderate		9 43 W	48 32 E	33 35 S	26 $\frac{1}{2}$	25 $\frac{1}{2}$	26
	S W by S to S moderate		10 39 W	49 56 E	33 51 S	29	27	27

Day

(1641)

Day of the Month	Therm. Altitud below ex- stream Heat.	Philof. Barom. Altitud	Latitude N. or S.	Longitude East from St Jago	Needles Incl. or De- pression of the N. or S. point under the Horiz. n.	Winds.	Weather.
28	35 $\frac{1}{2}$	30 $\frac{1}{2}$	34 03 S	50 36 E		SW by S to S by W small	Fine moderate Weather
29	33	34 $\frac{1}{2}$	34 03 S	50 36 E		SE small, sometimes fresh	Fair and pleasant
30	30	31	34 03 S	50 36 E	48 00 S	SW to SE most part calm	Fair and pleasant
31	26	25	34 03 S	50 36 E		Variable Breezes and calm	Fair and pleasant
April 1			A the	Cape		S to SE small	The same
2				of		SE small	The same
3			Good	Hope		SE and S E by S moderate	The same
4						SE and S S E small and calm	The same
5						SE by S small, at night fresh	The same
6						SE small	The same
7						Variable and calm	The same
8	30 $\frac{1}{2}$	34				Calm, at night blowing fresh	The Forenoon foggy. Afternoon clear'd up
9				Longitude from the		S S E and S by S blowing hard	Fair and hazy
10				C of Good Hope		S S E and S by S	Fair and pleasant
11	31	29	34 45 S	00 43 W		SE by S to NE moderate	Fair and gray
12	26	28	35 01 S	00 25 W	11 39 W	Variable and small	Fair and cloudy
13	33	42 $\frac{1}{2}$	35 30 S	00 08 W		SSE to SE by E moderate	Squally
14	34 $\frac{1}{2}$	44 $\frac{1}{2}$	36 52 S	00 36 W		SE to E by N	Variable
15	25 $\frac{1}{2}$	29	37 51 S	00 13 W		E to ENE small	Fair and cloudy
16	27	31 $\frac{1}{2}$	37 57 S	01 03 E	12 40 W	S by E to S by S small sometimes calm	Variable
17			37 41 S	02 38 E		S S W to ESE	Variable
18	31	38	38 45 S	03 29 E		E by S to ENE small	Fair and close
19	26	34	39 53 S	04 50 E		E by S to NE by N moderate	Fair and cloudy
20	31	39	40 42 S	05 58 E		NE by E to E by S moderate	Cloudy and overcast
21	32 $\frac{1}{2}$	34	41 06 S	07 49 E		NE by E to NE by N easterly	Moderate Weather
22	40	45 $\frac{1}{2}$	39 52 S	08 06 E		WSW to SE fresh	Variable
23	38	44	38 51 S	08 34 E	19 06 W	SE to SSE small	Fair and cloudy
24	32	33 $\frac{1}{2}$	39 09 S	08 50 E		SE to NNE small	Fair and pleasant
25	39 $\frac{1}{2}$	41	39 14 S	09 37 E		Variable Gales	Fair and cloudy

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Weather

(1042)

Weather.	Winds.	Needles In- clin. or De- pression of the N. or S. point under the Horizon.	Needles Variation E. or W.	Longitude East from the Cape of Good Hope.	Latitude N. or S.	Philof. Barom. Altitude	Therm. Altitud below Ex- ream Heat.	Day of the Month.
Variable with Rain and H. ill.	W by N to S W blow- ing hard			17 06 E	38 00 S	55	46	26
Cloud and cloudy	S W by S to W N W fresh	80 00 00 S		19 10 E	37 41 S	45	30	27
Fair to new. a. cloudy	W N W to N W by N moderate		21 23 W	41 35 E	37 45 S	37	31	28
Variable	N W to S W e. fine			23 32 E	37 47 S	36	25	29
Cloud Weather	W S W to SE by S small		22 27 W	23 57 E	37 30 S	33	23	30
Cloud and cloudy	N NE to E small			25 24 E	37 58 S	42	33	May 1
Cloud	N E by E to N by E e. fine		24 30 W	27 00 E	38 16 S	45	32	2
Cloud and Squally	N E by N to N N W fresh			29 40 E	38 47 S	40	32	3
Fair and cloudy	N N W to N W fresh			33 20 E	38 50 S	31½	30	4
Variable and Squally	N W to S W fresh	7 00 00 S		30 20 E	38 43 S	37	37	5
Variable and Squally	N W to S W			39 54 E	38 35 S	45½	31½	6
Fair Weather	W N W to S W mo- derate	8 69 00 S		42 07 E	38 17 S	45½	30½	7
Variable	W N W to S W by W fresh		24 20 W	45 51 E	37 49 S	53	46½	8
Variable	W S W and W N W fresh			49 19 E	38 40 S	40	35	9
Variable	W by N to N W by W fresh	8 72 00 S	24 00 W	52 41 E	38 30 S	39	32	10
Moderate with tom. Rain	W N W and W fresh			56 08 E	38 09 S	46	35	11
The same	W to S W e. fine			58 16 E	37 25 S	42	32	12
Cloudy Weather	S W to N NE small		20 48 W	59 11 E	37 25 S	47½	33½	13
Fair and pleasant	W N W to N W by N small	8 75 00 S	20 00 W	60 54 E	37 10 S	45½	34	14
Variable	W N W to S W fine G. l. s.		19 00 W	63 29 E	37 13 S	38½	30	15
Cloud and hazy with Rain	S W to W N W e. fine	6 70 00 S	18 43 W	65 04 E	36 53 S	41	34	16
Variable	W N W to N W fresh		17 40 W	68 14 E	36 48 S	36½		17
Fair and cloudy	N N W and W by N fine	8 68 00 S		71 12 E	36 56 S	41	33	18
Moderate	W N W and W fresh			74 16 E	36 00 S	41	35½	19
The same	N W by W to W fresh			70 39 E	35 01 S	34	31	20
The same	W by S to N W by N	8 68 00 S	4 28 W	78 32 E	34 07 S	37	32½	21
The same	N W by N and N W		14 00 W	81 07 E	33 07 S	5½	27	22
Variable	N W by N to NE		13 30 W	83 30 E	32 53 S	4½	28½	23
Thick and squally	N by E to W by S			85 13 E	31 35 S	33	35	24
Variable	S W to W N W	8 68 00 S		86 28 E	30 11 S	35½	29½	25
Fair and pleasant	S W by W and S W by S		10 04 W	87 06 E	29 27 S	34½	31	26

Day

(1643)

Day of the Month.	Therm. below Ex-cream Heat.	Philof. Barom. Altitud	Latitude N. or S.	Longitud East from the Cape of Good Hope.	Needles Variation E. or W.	Needles Incl. or Depression of the N. or S. point under the Horizon	Winds.	Weather.
27	31	35	28 01 S	87 59 E		d f	S W to S E small	The same
28	30	33	25 55 S	89 24 E	58 W		S E and S E by E	Variable
29	27	20	23 59 S	90 29 E			S E by E to S S E	Squally & Rainy with Thunder & Lightning
30	25	24	22 49 S	91 32 E	12 W	62 00 S	S E and S E by E	Variable
31	22	22	21 23 S	92 42 E	00 W		S E to S S E	Fair and serene
1	19	19	19 54 S	93 20 E	35 W		S E and S E by E	Fair and pleasant
2	17	17	18 02 S	94 10 E			S E by E and E S E	The same
3	14	13	16 30 S	94 55 E	40 W		E by E and E S E	The same
4	12	10	15 02 S	95 15 E	50 W	53 00 S	E by S to E by N	The same
5	7 $\frac{1}{2}$	7	13 40 S	95 34 E	12 W		E by N to E by S	The same
6	5	3	13 01 S	95 42 E	20 W	52 00 S	E to N E by E	The same
7	5	3	12 59 S	95 56 E	15 W		E by N to E S E	The same
8	5	3	12 26 S	96 17 E	42 W		E by N to S E	The same
9	5 $\frac{1}{2}$	1	11 43 S	96 28 E	26 W		E S E to E N E	The same
10	5	1	11 10 S	96 34 E	52 W		E by N and E	The same
11	4	0	10 18 S	96 54 E	32 W		E by N to S E E	The same
12	5	1	8 45 S	97 31 E	26 W	46 00 S	E by S to E S E	The same
13	5 $\frac{1}{2}$	1	7 52 S	97 21 E	12 W		E by S to N N E	The same
14	4 $\frac{1}{2}$	0	7 23 S	95 50 E			E S E to N N E	The same
15	5	0	6 45 S	95 16 E			S S E to S E	The same
16	4	0					S S E S S W and calm	The same
17	2 $\frac{1}{2}$	0		Java-Head			S S W, S E and calm	The same
18	2	0		and			S E and E by S	The same
19	2	0		Batavia			E N E and S E	The same
20	1	0					N E by E to S S E.	The same
21	1	0		Longitud from Batavia		40 00 S	N N E to S	The same
22	1 $\frac{1}{2}$	0		00 05 W			N to S S E	The same
23	4 $\frac{1}{2}$	0	5 27 S	00 47 E			N W by W and S W	The same
24	2	0	5 24 S	1 48 E			S by W and S E by E	Cloudy with some Rain
25	3	0	5 51 S	1 55 E			E S E to N E by E	Squally with Thunder Lightning and Rain
26	6 $\frac{1}{2}$	2 $\frac{1}{2}$	6 12 S	1 51 E		38 00 S	E S E to N E by E	Cloudy with Rain
27	5	0	6 16 S	1 59 E			Calm	The same
28	5	0	6 20 S	2 02 E			E by N to E S E small	Variable
29	5	0	6 21 S	2 18 E			E S E and S E small	Fair
30	5	0	6 29 S	2 33 E			Variable Breezes	Uncertain
July 1	4	0	6 44 S	2 43 E			E by S to N E by E	Fair with some Rain
2	4 $\frac{1}{2}$	0	6 39 S	2 55 E			N E by E to S E by E	Fair with some Rain
3	3 $\frac{1}{2}$	0	6 35 S	3 34 E			N E by E to S E by E	Fair and serene
4	3 $\frac{1}{2}$	0	6 30 S	3 40 E			N E to S S E	The same
5	5	0	6 35 S	3 49 E		45 00 S	N E by N to S E	The same

Weather.

(1644)

Weather.	Winds.	Needles Incl. or Depression of the N. or S. point under the Horizon.	Needles Variation E or W	Longitude East from Batavia	Latitude N or S	Philof. Barom. Altitud	Therm. below Ex-cream Hea.	Day of the Month
The same	SE small			1 07 E	0 12 S	8	6	
The same	SE by SE			1 28 E	0 44 S	6	7	
The same	SE by E to ENE			1 43 E	0 22 S	6	8	
The same	E by SE to E by N			5 13 E	0 28 S	6	9	
The same	E by E to E by N	2 41 00 S	1 25 W	5 37 E	0 50 S	8 1/2	10	
The same with some Rain	E NE to SE			5 47 E	0 44 S	6	11	
Fair and serene	SE by N to SE			6 05 E	0 23 S	5	12	
The same	SE to E by S			6 17 E	0 05 S	5	13	
The same with some Rain	SE to ESE			6 54 E	5 10 S	6	14	
Fair and cloudy	SE by S to ESE			7 09 E	4 20 S	4	15	
Fair and serene	SE by E to NE by E			7 27 E	4 08 S	5	16	
Fair and cloudy	E to SE and calm			7 30 E	4 00 S	5	17	
Clofe and cloudy with Rain	E to SE by S small			7 30 E	4 00 S	8	18	
Clofe and clearing up	SE fresh			7 30 E	4 00 S	7 1/2	19	
Fair and serene	SSE to SE	0 40 00 S		7 06 E	4 15 S	6	20	
Fair and cloudy	SE by S and SE			5 08 E	4 51 S	5	21	
The same	SE by E to E by S			3 12 E	4 59 S	2 1/2	22	
Clofe with some Rain	S by E to E by S			1 25 E	4 45 S	4	23	
Squally with Thunder	Variable			0 17 E	4 09 S	7	24	
Fair and clofe with Lightning	S to E by S	6 35 00 S		0 13 E	4 01 S	5	25	
Fair and serene	E by S to SE by S				3 32 S	1 1/2	26	
Variable	ENE to S by E				In the Straights of Banca	3	27	
Fair and serene	SE by S to S					5	28	
The same	SE by E to S				1 59 S	4 1/2	29	
The same	SE to NNE		1 50 W	Longitude	0 31 S	4	30	
The same	SSE to SE by S	5 31 00 S	from Pul.	Condore	1 25 N	4	31	
Fair and clofe	SSE to S by W			1 36 W	3 19 N	2 1/2	Aug. 1	
Variable with Thunder and Lightning	S by W to SE			0 52 W	5 07 N	1	2	
Fair and clofe	Variable			0 25 W	6 04 N	1	3	
Fair and pleasant	SSW to SW by S			0 08 E	7 47 N	1	4	
Fair, clofe and hazy	W to SW			1 25 E	9 16 N	3 1/2	5	
Fair and hazy	SW by W to W			3 07 E	10 14 N	2	6	
Fair and serene	SW by W to SW by S	13 5 30 S		4 33 E	12 04 N	1	7	
The same	SW and SW by W	1 4 00 S		5 58 E	14 05 N	1	8	
Fair and cloudy	W by S to SW by S			7 02 E	16 15 N	1 1/2	9	
Squally	Variable			7 20 E	18 14 N	2 1/2	10	
Squally and much overcast	W SW to WNW blowing hard			7 12 E	19 49 N	1 1/2	11	
Fair and clofe with some Rain	W SW to SSW moderate	1 2 30 S		7 02 E	21 17 N	1	12	

Day

(1645)

Day of the Month	Therm. Altitud below Ex- stream Heat.	Philof. Patom. Altitud	Latitude N or S	Longitude East from Pulo Com- Jore.	Needles Variation E. or W.	Needles Incl. or De- pression of the N. or S. point under the Horizon.	Winds.	Weather.
13	$1\frac{1}{2}$ above	Extr. Heat	21 58 N	7 36 E			diff. SSW to SE by S small	Fair and serene
14	1 below	o	22 15 N	7 47 E		6 00 N	SE to NNE	Fair and pleasant with one Shower
15	1	o	22 18 N	8 09 E			E by N to NE by E	Fair and pleasant
16	o	o	22 32 N	8 43 E	1 20 W		Variable and calm	The same
17	$\frac{1}{2}$	o	23 10 N	9 40 E			WSW to SW eafie	Fair, with some drizzling Rain
18	$1\frac{1}{2}$	o	23 32 N	10 04 E			Variable and small	Fair and serene
19	$2\frac{1}{2}$	o	23 56 N	10 18 E			NNE by N fresh	The same
20	4	o	24 11 N	10 28 E			N by E to NE by N	Fair and hazy
21	1	o	24 22 N	10 43 E		12 05 N	NE by E to N by E	The same
22	3	o	24 32 N	11 01 E			NE to NNE	The same
23	$4\frac{1}{2}$	o	24 47 N	11 15 E			NE by E to NNE eafie	Fair and pleasant
24	6	o	24 56 N	11 28 E			ENE to NE by N fresh	Variable
25	5	o	25 09 N	11 38 E			ENE to N by E moderate	Fair and pleasant
26	6	o	25 09 N	12 08 E			N by E to NE by E	The same
27	5	o	25 07 N	12 20 E			ENE to NNE	The same
28	5	o	25 29 N	11 50 E			E by N to NNE	Variable
29	4	o	25 37 N	12 02 E			NE by E to N	Variable
30	$3\frac{1}{2}$	o	25 49 N	11 47 E			N by E to NE by E fresh	Cloud and Squally
31	2	o	26 02 N	11 53 E			NE by N to E by N	Variable
Sep. 1	$\frac{1}{2}$	o	26 05 N	11 56 E			NNE to NE by E	Fair and pleasant
2			At Crocoduelland				NE small	The same with some Rain at night
3							NNE small	Fair and pleasant
4							N by E to NE	The same
5							NE moderate	Fair and cloudy
6							NE fresh at night SW blowing hard	The same, at night much Rain
7							NE fresh and moderate	Cloudy with some Rain
8							NE moderate	Fair and pleasant, at times overcast
9	3	o	25 44 N	12 38 E			NE moderate	Fair and hazy
10	$3\frac{1}{2}$	o	26 11 N	12 13 E			NE by N to NE by E	The same
11	5	o	26 11 N	12 47 E			NE to NNE	The same
12	$4\frac{1}{2}$	o	26 22 N	12 37 E			NE by N to E by S small	Fair and pleasant
13	$8\frac{1}{2}$	o	26 26 N	12 40 E			ENE to NE moderate	Fair
14	$16\frac{1}{2}$	o	26 37 N	12 59 E			NN E to ENE	air, and cloudy

(1646)

Weather.	Winds.	Needles Incl. or Depression of the N. or S. point under the Horizon.	Needles Variation E. or W.	Longitude East from Pole Con- dore.	Latitude N. or S.	Paiss. Bar. m. Altitude	Therm. Altitu below Ex-ream Heat.	Day of the Month.
Fair close and cloudy	N E by E to E by N	11.		13 11 E	27 05 N	0	5	15
Fair and cloudy	E N E to N by W			14 01 E	26 55 N	0	7	16
The same	N to N E by E			14 13 E	27 07 N	0	8	17
Variable	N E to N by E			14 13 E	27 16 N	1	10	18
Fair.	N by E to N E by E			14 02 E	27 42 N	0 1/2	9	19
Fair and cloudy	N E by E to N by E fresh			14 25 E	27 46 N	4	7 1/2	20
Fair and pleasant	N E to N N E moderate			14 25 E	28 03 N	10	12	21
Fair with some Rain	N E by N to N by E			15 31 E	27 49 N	12 1/2	15	22
Fair and cloudy	N N E to N fresh			15 01 E	27 51 N	14	17	23
Fair and much over- cast	N by W to N by E small			16 26 E	27 53 N	13	14	24
Fair and close	N by E to N E by N			15 36 E	28 10 N	12	14	25
Variable	N by E to E by N			15 04 E	28 47 N	13	13 1/2	26
Fair and pleasant	N N E to N E by E	5	17 30 N	14 49 E	29 06 N	13	14	27
Fair and cloudy	N N E to N E			15 09 E	28 55 N	17	15 1/2	28
Fair, sometimes close	N E by N		1 00 E	15 09 E	29 02 N	13	15	29
Fair pleasant and cloudy	Variable from S S E to NW			15 19 E	29 43 N	17	15	30
Fair and close	W N W to N E by E			14 55 E	29 56 N			Octob. 1
Thick and foggy with Rain	N N W and N small			14 55 E	29 56 N			2
Variable, forenoon serene	N N W to N W small							3
Variable	N to N E moderate							4
Fair and cloudy	N N W to NW blowing fresh							5
Fair and serene	Forenoon calm, after noon S E fresh							6
Cloudy with Rain	N N E to N E moderate							7
Cloudy and over-cast	N to N N W							8
Cloudy and hazy with Rain	N by W to N E							9
Cloudy and fair	N E to S E moderate			14 55 E	29 56 N	20	20	10
Fair and serene	S E to S W small			14 20 E	30 25 N	10	12	11
The same	S W small		A. Chutan	14 20 E	30 25 N	15	17	12
Fair and cloudy	N N E to N E					32	25	13
Fair and cloudy	N E moderate	11.00 N	00 56 E	14 20 E	30 25 N	30	24	14
Fair and cloudy	N small					38	22	15
Cloudy with some Rain	N E to E moderate					20	25	16
Thick and hazy with Rain	S E small					14	16	17
Thick and hazy with some Rain	S E moderate					13	15	18

(1447)

Day of the Month.	Therm. Altitud below Ex-cream Heat.	Pi of. Birom. Altitud	Latitude N or S	Longitud Pulo from Condore.	Needles Variation E or W	Needles Incl. or Depression of the N or S point.	Winds.	Weather.
19	23 $\frac{1}{2}$	31					N E small	Fair and cloudy
20	24	30					N N E to E N E	The same
21	24	29					N N E to S E	Cloudy with some Rain
22	25	30					N to N W fresh	Fair and cloudy
23	26	30					N by W to W N W small	Fair and pleasant
24	27 $\frac{1}{2}$	32					S and S S E small	The same
25	24	28					S E moderate	The same
26	22 $\frac{1}{2}$	26					S E to S by E moderate	The same
27	29	27					N W to N by W moderate	Cloudy with some Rain
28	36 $\frac{1}{2}$	45					N W small, sometimes fresh	Thick and mazy with Rain
29	45	58					N W to N moderate	The same
30	46	59					N N W to N by E small	Fair and cloudy
31	47	65					N W small	The same

Note 1. That the Altitude of the Spirits in the Thermometer and Philosophical Barometer was commonly taken at Noon.

Note 2. That the account of the Winds and Weather at Sea, is from Noon to Noon.

Note 3. That the middle Inclination of the Dipping Needle is set down with the difference also which was made, as either side of the Compass was turn'd East or West: Which difference at first was not taken notice of. From whence this difference should arise, I cannot determine, the Compass seeming to be justly pois'd and equally divided.

For the few Chasmata in the Columns of the Thermometer and Barometer, there needs no other Apology, than that I was not on board to take an account of them my self.

V. A